



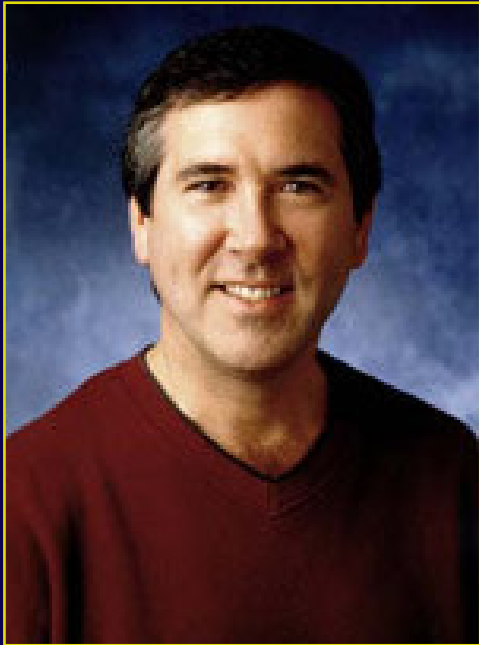
# Georgia Tech Advisory Board

## Campus Overview

G. Wayne Clough

April 16, 2007

## In tribute



Garry  
Betty

CEO of Earthlink  
Member, former chair  
of GTAB  
Passed away January  
2, 2007



Tom  
Galloway

Dean, College of  
Architecture since 1992  
Passed away  
unexpectedly March  
11, 2007



# Georgia Tech Promise

- Historic commitment to ensure qualified students from low income families have access to a technological education.
- Our peers and other prominent public universities are undertaking similar programs.
- Tech Promise is the first of its kind in Georgia, keeps us competitive with our national peers.



# Tech Promise – The terms

- Opportunity to graduate debt-free for Georgia students from families with income of \$30,000 or less
- Students must be eligible and apply for federal grants like the Pell Grant
- Students to contribute through work-study or a job of their choice
- Analysis – about 400 Tech students will qualify annually
- Will allow us to recruit students in these circumstances in the future.



# Tech Promise – How can we make it work?

- Estimated cost: \$2 million annually (accommodating both entering students and those already enrolled)
- Long-term:
  - ▷ Raise endowment to generate funds to meet cost
  - ▷ \$50 million required, fits campaign protocol
  - ▷ Some endowment already in place
- Advantage – GT Promise frames need-based scholarship requirement
- Short-term:
  - ▷ Need GT Foundation to help bridge funds until endowment can be raised
  - ▷ 4-year transition: draw down up to \$7 million over the course of the next 4 fiscal years according to need

# Students: Summer, fall applications

- Summer program for freshmen
  - ▷ Will enroll 200 students
  - ▷ For freshmen who needed help to succeed as well as those who want a head start
- Applications: 9,400 (similar to last year)
  - ▷ Down: engineering, computing, architecture
  - ▷ Up: sciences, Ivan Allen, management
- Strongest applicant pool ever





# Undergrad programs thrive

- Honors Program: full at 120 freshmen; will add another 120 students from next year's freshmen.
- International Plan: 291 students enrolled this year; expect to add another 200 in August.
- Undergraduate Research Option: first 5 students will graduate in May; 1,334 students pursued structured research this academic year, increasing 20% a year since 2004.



# Students recognized



Georgia Tech IFC  
Habit for  
Humanity House

Best IFC in the Southeast: 8 awards (more than double any other campus), including Fraternal Excellence Award



Tech AASU and GTSBE students prepare to tackle a New Orleans house.



Drew Hess: First Tech management student to win Kauffman PhD Dissertation Fellowship

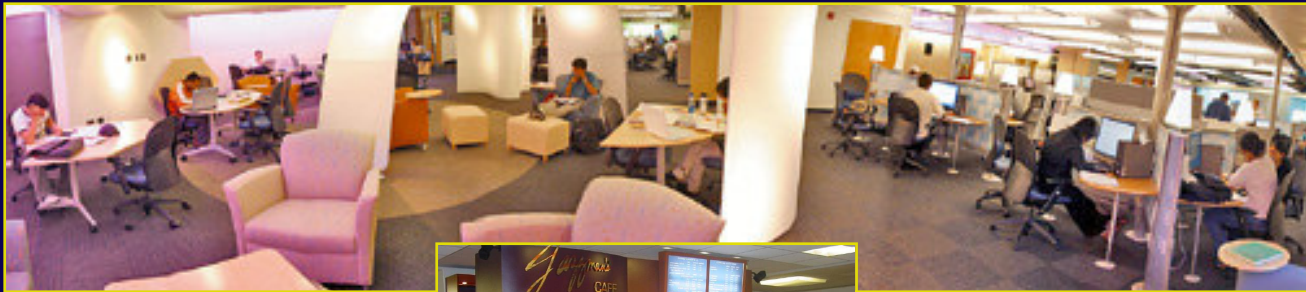


Glee Club earns a standing ovation from a capacity crowd as “Ensemble in Residence” at Hawaii International Conference of Arts and Humanities.



# Special recognitions

Excellence in  
Academic  
Libraries  
Award



Gary May:  
AAAS Mentor  
Award



Gordon Moore: NSBE  
Minority Engineering  
Program Director  
Award for 2007



Paul Simon Award for  
education with an  
international focus

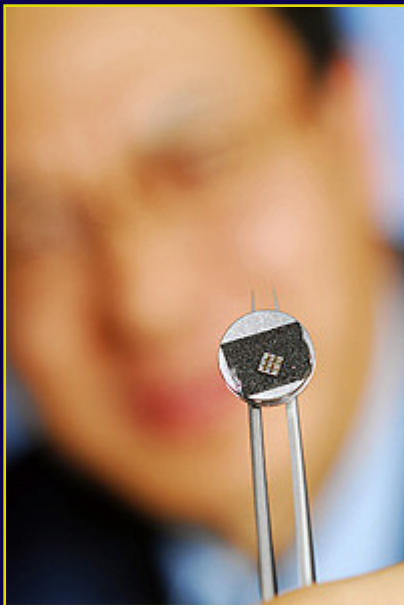
# Graduate rankings continue strong

- Engineering No. 4
  - ▷ Industrial & Systems Engineering No. 1 for 17<sup>th</sup> year
  - ▷ 9 of 11 engineering disciplines in the top 10
- Management No. 25
  - ▷ Among top 10 publics
  - ▷ Up from 34 last year
  - ▷ Highest ranking achieved to date
  - ▷ Ranked 2<sup>nd</sup> in ROI by BusinessWeek



# Honeywell-Nobel Initiative

- 11 universities worldwide chosen
- Nobel laureates in chemistry, physics
- GT: 1985 Physics Nobel Laureate  
Klaus von Klitzing, April 12-13



## Nanogenerator prototype

Tiny nanogenerator harvests energy from environmental sources like ultrasonic waves, mechanical vibrations, or blood flow and provides continuous direct-current electricity.

International activities:

## Georgia Tech Lorraine

- Year-round undergraduate program
- Residence halls
- Innovative collaboration with European partners in education, research, and economic development



# International activities:

## Georgia Tech Singapore



- Building out a campus
- 5-year plan to ramp up to 1,000 graduate students
  - ▷ Industrial Engineering
  - ▷ Aerospace Engineering
  - ▷ Mechanical Engineering
  - ▷ Civil Engineering
  - ▷ Computing
  - ▷ Management



## International activities:

### Other discussions underway

- King Abdullah University, Saudi Arabia – dual degrees, visiting professors
- King Fahd University – President Clough named to Advisory Board
- Abu Dhabi, United Arab Emirates – primary interest is aerospace engineering
- India – primary interest is electrical and computer engineering
- China – Peking University in Beijing





# Athletic Association news

- Students agree to athletic fee increase of \$112 per year, generating \$4 million total
- Tech Fund for season tickets has been rolled out
- Institute working with Dan Radakovich to better integrate the Athletic Association into Georgia Tech, reducing duplication
- \$71 million raised toward \$100 million goal
- Spring sports off to an exciting start

# Spring sports



Tarryn Rudman

Ashlee Kidd,  
400-meter



Women's tennis ranks 4<sup>th</sup>  
in nation, softball and track  
and field teams rank in top  
25.

Savannah Brown, ACC  
Player of the Week last week



Roberto Castro made it to the  
third round in the U.S. Amateur.



Tech hosted U.S.  
Collegiate Golf  
Championship last  
week, finished 4<sup>th</sup>.



Mark  
Wieters  
catches,  
pitches,  
leads the  
team in  
home runs.

# Recognized for biotech transfer

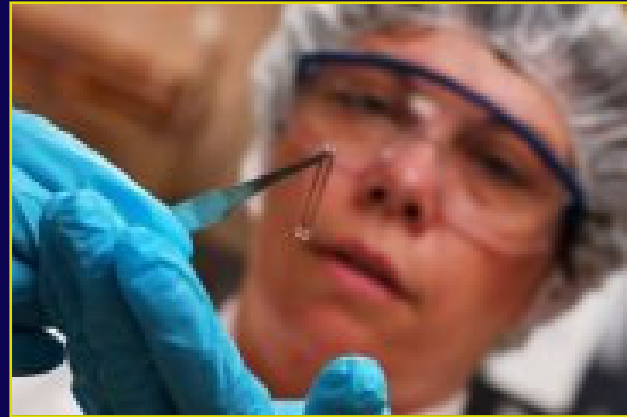
- No. 4 in start-up companies
- No. 8 in patents filed
- No. 11 in technology transfer

*Mind to Market: A Global Analysis of University  
Biotechnology Transfer and Commercialization*

A study by the Milken Institute



Orthonics



CardioMEMS



# Facilities update



Marcus Nanotechnology Building



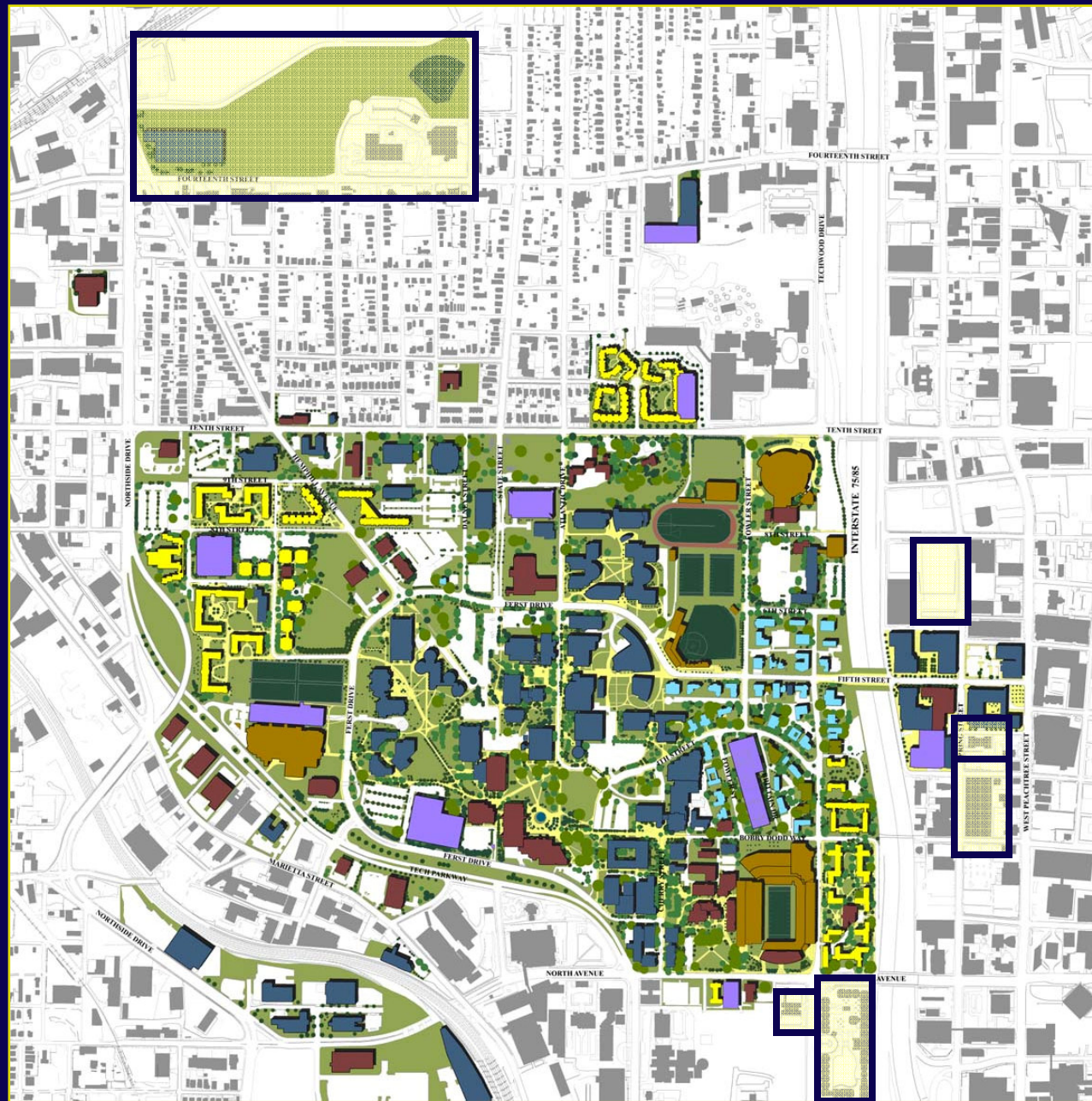
Zelnak Basketball Practice Facility





# Real estate in play

14<sup>th</sup> Street  
Centergy II  
771 Spring Street  
BellSouth deck  
Ga State Olympic  
Residence Halls  
Roosevelt House



# Campaign

- Focus on principal gifts, building out campaign's programmatic architecture
- Volunteers active in solicitations, prospect identification, developing campaign materials, especially Chair Al West
- Recent and imminent fund-raising trips:
  - ▷ New York
  - ▷ Texas
  - ▷ Michigan
  - ▷ California
  - ▷ Mississippi
  - ▷ Arkansas
- Donors are challenging, stretching our thinking in areas like sustainability, health and medicine
- On track to reach \$500 million by year's end



# Economic Impact Study follow-up

- Chancellor requested proposals to produce more flexibility, responsiveness by USG institutions.
- System-wide committee on facilities submitted report to the Chancellor in early February.
- Research university report with recommendations for these institutions to the Chancellor shortly.
- Chancellor has delegated responsibility in several areas, including personnel appointments.

# National Governors Association

- Innovation task force: K-12 education, higher education, economic development
- 6 governors, 6 CEOs, 5 university presidents
- Chair: Gov Napolitano, Arizona; vice-chair: Gov Pawlenty, Minnesota
- NGA keynotes by John Chambers, Robert Rubin at meeting in Washington, DC
- Draft white paper discussed
- Governors of many states dissatisfied with role of universities in meeting states' needs

# Energy

